

1000

21362281.m APQLRQQSPSCVVAETSSSIGNDGISKLISENTEGSACAPQLPR--KKD KRDFPKPTINLPPTPKVLGACFSKVFDCPLIKINCAASWHPDPIK--
KHS1.h APQILRKQSSPSCVVAETSSSIGNDGISKLISENTEGSACAPQLPR--KKD KRDFPKPTINLPPTPKVLGACFSKVFDCPLIKINCAASWHPDPIK--
28509577.m AKPSHVPVRPPPRLPPQKAVLGNMGNSFQLNGERDGSLYQQSQSERGTNLISRKKEKKDVPKPISNLPPTPKVHMGACFSKVFNCPLIKINCAASWHPDPIK--
34862008.m AKPSHVPVRPPPRLPPQKAVLGNMGNSFQLNGERDGSVHQQSQSERGTNLISRKKEKKDVPKPISNLPPTPKVHMGACFSKVFNCPLIKINCAASWHPDPIK--
KHS2.h AKPSHVPVRPPPRLPPQKAVLGNMGNSFQLNGERDGSLCQQNEHRGTNLISRKKEKKDVPKPISNLPPTPKVHMGACFSKVFNCPLIKINCAASWHPDPIK--
34861505.m HTESTSDNAQSCSGPGLTSAAPPAGPSGPALLPTAWAT--LKQREDHERSSCHOLPPTPKVHMGACFSKVFNCPLIKINCAASWHPDPIK--
6678800.m HTESTSDNAQSCSGPGLTSAAPPAGPSGPALLPTAWAT--LKQREDHERSSCHOLPPTPKVHMGACFSKVFNCPLIKINCAASWHPDPIK--
GCK.h PTDDP-AEPEPLSSPPGTLPPPSGPNSPLPTAWAT--MKQRDEPDRERSSCHOLPPTPKVHMGACFSKVFNCPLIKINCAASWHPDPIK--
40217615.d MDQLIGLLENMGKSPTRSLSDGGTQDDEAEKEAQPDLLNNTPPVPP--KRSHKRRHTPPRPISNLPPTPKVHMGACFSKIFPNCPLRVICTASWHPDPIK--
24655509.f MDQLIGLLENMGKSPTRSLSDGGTQDDEAEKEAQPDLLNNTPPVPP--KRSHKRRHTPPRPISNLPPTPKVHMGACFSKIFPNCPLRVICTASWHPDPIK--
24655504.f MDQLIGLLENMGKSPTRSLSDGGTQDDEAEKEAQPDLLNNTPPVPP--KRSHKRRHTPPRPISNLPPTPKVHMGACFSKIFPNCPLRVICTASWHPDPIK--
31201845.i HTESTSDNAQSCSGPGLTSAAPPAGPSGPALLPTAWAT--IASTSEDLTTFFCMLPLIPKVPMGACFSKVMORTELIKINCAASWHPDPIK--
34328047.m PPRTPRPGPPFAIRSPHLTARSDPSLWNAAPEPGQP--PLVEPPRKEKMRGMENKEKREKYPPLLVKLFNQCPLOIISTAWHPDPIK--
HPK1.h PPNSPRPGPPSTSSPHLTARSDPSLWNAAPEPGQP--PLLEPKKEKMK--RKGCCALVLFNQCPLOIISTAWHPDPIK--
34855643.m PPRTPRPGPPFAIRSPHLTARSDPSLWNAAPEPGQP--PLLPKKEKMR--KKEYTLLVLFNQCPLOIISTAWHPDPIK--
17566666.w IHDDDETIRAPRAPRVLRAAQAAAGSKNFRSTS--IASTSEDLTTFFCMLPLIPKVPMGACFSKVMORTELIKINCAASWHPDPIK--
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1200

21362281.m ALTAKIDDTKECCKCIVRN--PYTCHKYLCALSGIVLLOWYEPKMFMLIKEFDFPLPSPLN--VPEMIVIPQECPMPCVAISKGDSQVQPEFDIN--LNSASSWFTB1GAGSQQDSITVTOLERDITLVCLCDKVKLNQKLKSSKKAESLDFIIESVCLQDSVLAFLKHN--
KHS1.h ALTAKIDDTKECCKCIVRN--PYTCHKYLCALSGIVLLOWYEPKMFMLIKEFDFPLPSPLN--VPEMIVIPQECPMPCVAISKGDSQVQPEFDIN--LNSASSWFTB1GAGSQQDSITVTOLERDITLVCLCDKVKLNQKLKSSKKAESLDFIIESVCLQDSVLAFLKHN--
28509577.m AVSKIDDTKAKCCKCVVRN--PYTCHKYLCALTSIVLLEWVPMKMFMLIKEIEFPMPCPLR--MCEMLVVPQECPYPLVCCVVSQRGRDNQWRPETN--PNSTSSWFTES-DAPQTSVTHTVTOLERDITLVCLCDCCIKIVNLCRLKSSRKSSELDFIIESVCLQDSVLAFLKHN--
34862008.m AVSKIDDTKAKCCKCVVRN--PYTCHKYLCALTSIVLLEWVPMKMFMLIKEIEFPMPCPLR--MCEMLVVPQECPYPLVCCVVSQRGRDNQWRPETN--PNSTSSWFTES-DTPTQTNVTVHTVTOLERDITLVCLCDCCIKIVNLCRLKSSRKSSELDFIIESVCLQDSVLAFLKHN--
KHS2.h SVSKIDDTKAKCCKCVVRN--PYTCHKYLCALTSIVLLEWVPMKMFMLIKEIEFPMPCPLR--MCEMLVVPQECPYPLVCCVVSQRGRDNQWRPETN--PNSTSSWFTES-DTPTQTNVTVHTVTOLERDITLVCLCDCCIKIVNLCRLKSSRKSSELDFIIESVCLQDSVLAFLKHN--
34861505.m ALSKIDDTKCCDKCRVVRN--PYTCSTFLALPALSLLLLOWYEPKLFKFLLNKFSSPLPSAG--MCEPLVLDGKELPQVPCVAEPEGEGFGCRVLFHVDP--LETGLTDILIPPEGIPGSQAQQVIVQVDRDTLVSPERCVRVNLOG-EPTAAPAELDFIETVVCQDSVLAFLKHN--
6678800.m ALSKIDDTKCCDKCRVVRN--PYTCATFLALPALSLLLLOWYEPKLFKFLLNKFSSPLPSAG--MCEPLVLDGKELPQVPCVAEPEGEGFGCRVLFHVDP--LEAGLTFDILIPPEGIPGSQAQQVIVQVDRDTLVSPERCVRVNLOG-EPTAAPAELDFIETVVCQDSVLAFLKHN--
GCK.h ALSKIDDTKCCDKCRVVRN--PYTCATFLALPALSLLLLOWYEPKLFKFLLNKFSSPLPSAG--MCEPLVLDGKELPQVPCVAEPEGEGFGCRVLFHVDP--LEAGLTFDILIPPEGIPGSQAQQVIVQVDRDTLVSPERCVRVNLOG-EPTAAPAELDFIETVVCQDSVLAFLKHN--
40217615.d AVSKIDDTKCCDKCRVVRN--PYTCATFLCAVTSOLVLLMWEPLKFMHLKLGCVGQDVARN--ONEP--OLKEPDIN-LNG-LENPPTPDESIR-AVCVTOLDRTVLLIAEKVKVNMOG-IPSKEASOLEDFIETLVCQDSVLAFLKHN--
24655509.f ALTKVKVDTKCCDKCRVVRN--PYNYTKYLCFATSCGIELMOWYDPLNKFLMLQCEWPAPAIQGGGHGCVQNGHTPV--GALSCWLGENSTEHRGPVGVTQVEEDMVVLNDGSVKLVTECGSFVRGLRTPEIPMTEAVEVAVAMCGGLOAFKHN--
24655504.f ALTKVKVDTKCCDKCRVVRN--PYNYTKYLCFATSCGIELMOWYDPLNKFLMLQCEWPAPAIQGGGHGCVQNGHTPV--GALSCWLDDSSTEHKGPVGVIQVKEDDMVVLNDGSVKLVTECGSFVRGLRTPEIPMTEAVEVAVAMCGGLOAFKHN--
31201845.i 34328047.m MVSKIDDTKCCDKCRVVRN--SOLPSQR-VMGRAG--AWD-VSTO--
HPK1.h MVSKIDDTKCCDKCRVVRN--SOLPSQR-VMGRAG--AWD-VSTO--
34855643.m MVSKIDDTKCCDKCRVVRN--SOLPSQR-VMGRAG--AWD-VSTO--
17566666.w AITPRMPETRALGCVKRPQQAANSFLCAVAKTIVLFWNPMMNFVLRSEPIREDIRPPIR--PFAIINSRISDPELCICVGQMSGNSEYQFNMINFCSTNNSELGDLNNSYGSLADDEMELVGSMHOIDRDTLCSFRNKVWTQDLOG-FERKEPKSIFTFNFIEMLHVVDGTLAFHAN
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1210 1220 1230 1240 1250 1260

21362281.m GMQCKSFKSDDEVTOEIIDTRFVRLIGSDFVVVLESRPTEN--PAAHNSLYIILAHENSY--
KHS1.h GMQCKSFKSDDEVTOEIIDTRFVRLIGSDFVVVLESRPTEN--PTAHSNSLYIILAHENSY--
28509577.m GMQCKSFRSNEVTOEIIDTRFVRLIGSDFVVVLESRPTDN--PTANSNSLYIILAHENSY--
34862008.m GMQCKSFRSNEVTOEIIDTRFVRLIGSDFVVVLESRPTDN--PTANSNSLYIILAHENSY--
KHS2.h GMQCKSFRSNEVTOEIIDTRFVRLIGSDFVVVLESRPTDN--PTANSNSLYIILAHENSY--
34861505.m GMQCKSFSDTNEVTOEIIDTRFVRLIGAIRDIILESIPPTDN--PGAHNSLYIILTGHQSSY--
6678800.m GMQCKSFSDTNEVTOEIIDTRFVRLIGAIRDIILESIPPTDN--PGAHNSLYIILTGHQSSY--
GCK.h GMQCKSFSDTNEVTOEIIDTRFVRLIGAIRDIILESIPPTDN--PEAHNSLYIILTGHQSSY--
40217615.d GLKCSLNSHNEVTOEIIDTRFVRLIGAIRDIILESIPPTEN--PSATSNSLYIILTGHQSSY--
24655509.f GMQCKSFNNEVTOEIIDTRFVRLIGSDFVVVLESQLLRTGSLGSEEQHDLYIILAHENSY--
24655504.f GMQCKSFNNEVTOEIIDTRFVRLIGSDFVVVLESQLLRTGSLGSEEQHDLYIILAHENSY--
31201845.i 34328047.m GVOVWALGSDQDQIQLQERDPDPLTFRLIGSDFLECSGTISPHCNLLLPGSNNSPASASRVAQGITGL-GTDDTAPSNLYIQE--
HPK1.h GVOVWALGSDQDQIQLQERDPDPLTFRLIGSDFLECSGTISPHCNLLLPGSNNSPASASRVAQGITGL-GTDDTAPSNLYIQE--
34855643.m GVOVWALGSDQDQIQLQERDPDPLTFRLIGSDFLECSGTISPHCNLLLPGSNNSPASASRVAQGITGL-GTDDTAPSNLYIQE--
17566666.w GVOVWALGSDQDQIQLQERDPDPLTFRLIGSDFLECSGTISPHCNLLLPGSNNSPASASRVAQGITGL-GTDDTAPSNLYIQE--
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